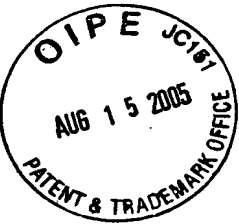


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
INFORMATION DISCLOSURE STATEMENT

APPLICANTS: Aström et al. CONFIRMATION NO.: 6617
SERIAL NO.: 10/521,080 GROUP ART UNIT: 3762
FILED: January 12, 2005
TITLE: "APPARATUS FOR ANALYZING CARDIAC EVENTS" (As Amended)

MAIL STOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

S I R:

In accordance with the provisions of 37 C.F.R. § 1.56, Applicants request that citation and examination of the following document be made during the course of examination of the above-referenced application for United States Letters Patent.

AA United States Patent No. 6,393,316
AB United States Patent No. 5,638,823
AC United States Patent No. 5,439,483
AD United States Patent No. 5,271,411
AL PCT Application WO 97/39681
AU "Improved Wavelet Packet Compression of Electrocardiogram Data, II: Coating of Compressor Output and QRS Clustering," Bradie, SPIEP Proceedings: Wavelet Applications in Signal and Image Processing IV, August 6-9, 1996, pages 812-821.

AV "Wavelet Transform Based Algorithms for EGM Morphology Discrimination For Implantable ICDs," Koyrakh et al, Computers In Cardiology, Vol. 26 (1999) pages 343-346.

AW "Clustering ECG Complexes Using Hermite Functions and Self-Organizing Maps," Lagerholm et al, IEEE Trans. On Biomedical Engineering, Vol. 47, No. 12 (July 2000) pages 838-848.

AX "ECG Beat Recognition Using Fuzzy Hybrid Neural Network," Osowski et al, IEEE Trans. On Biomedical Engineering, Vol. 48, No. 11 (November 2001) Pages 1265-1271

AY "Discrimination of Atrial Fibrillation From Regular Atrial Rhythm by Spatial Precision of Local Activation Direction," Schoenwald et al, IEEE Trans. On Biomedical Engineering, Vol. 44, No. 10 (October 1997) pages 958-963.

AZ "Morphology Discrimination: A Beat-to-Beat Algorithm for the Discrimination of Ventricular from Supraventricular Tachycardia by Implantable Cardioverter Defibrillators," Grönefeld et al, J. Pacing Clin. Electrophysiol., Vol. 24 (October 2001) pages 1519-1524.

AU' "New Bayesian Discriminator for Detection of Atrial Tachyarrhythmias," Xu et al, Circulation, Vol. 105 (2002) pages 1472-1479.

EXPLANATION OF RELEVANCE

References AV, AW, AX, AY, AZ and AU' were identified and discussed in the present specification, and Applicants stand by the statements in the specification concerning the teachings of those references.

References AA, AB, AC, AD, AL, AU and AV were cited in the Search Report rendered during earlier examination of the present PCT application.

References AB, AD and AL were cited in a Search Report from the Swedish Patent Office rendered in connection with the counterpart Swedish application.

Copies of References AL and AU through Au', all of which are in English, are submitted herewith, together with Form 1449 on which all of the references are listed.

As of the date of mailing of this Information Disclosure Statement, a first Office Action on the merits has not been received in connection with this application, and therefore, this Information Disclosure Statement is in compliance with 37 C.F.R. §1.97(b)(3), and no fee is necessary.

All claims of the application are submitted to be patentable over the teachings of the above references, taken singly or in combination. Early consideration of the application is therefore respectfully requested.

Submitted by,

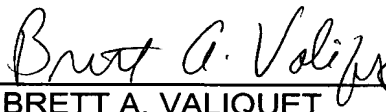


(Reg. 27,841)

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on August 15, 2005.



BRETT A. VALIQUET



Form PTO-1449	Docket No. P04,0495	Serial No. 10/521,080
INFORMATION DISCLOSURE CITATION IN AN APPLICATION (use several sheets if necessary)	Applicants Aström et al.	
	Filing Date January 12, 2005	Group Art Unit 3762

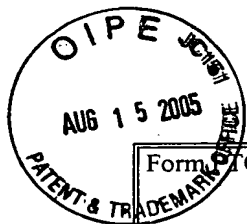
U.S. PATENT DOCUMENTS							
Examiner's Initials		Document Number	Date	Name	Class	Subclass	Filing Date If appropriate
	AA	6,393,316	05/21/02	Gillberg et al.			
	AB	5,638,823	06/17/97	Akay et al.			
	AC	5,439,483	08/08/95	Duong-Van			
	AD	5,271,411	12/21/93	Ripley et al.			
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO 97/39681	10/30/97	PCT				
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AT	
	AU	"Improved Wavelet Packet Compression of Electrocardiogram Data, II: Coating of Compressor Output and QRS Clustering," Bradie, SPIEP Proceedings: Wavelet Applications in Signal and Image Processing IV, August 6-9, 1996, pages 812-821.
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Examiner	Date Considered
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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